



479104

Moynihan, Colleen

From: Frey, Rebecca
Sent: Tuesday, July 26, 2016 11:01 AM
To: Moynihan, Colleen
Subject: FW: Ten Mile Drain interim action- remove and replace vaults
Attachments: DSCN2260.JPG; DSCN2273.JPG; DSCN2259.JPG; tenmiledrain-irod-2014.05.pdf

Importance: High

Follow Up Flag: Follow up
Flag Status: Flagged

Think you should include this in the AR, too.

Becky Frey
Chief, Remedial Response Section #3
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EPA Region 5
312-886-4760
frey.rebecca@epa.gov

From: Frey, Rebecca
Sent: Thursday, September 10, 2015 10:04 AM
To: Edwards, Jennifer <Edwards.Jennifer@epa.gov>; Jeng, Richard <Jeng.Richard@epa.gov>
Subject: FW: Ten Mile Drain interim action- remove and replace vaults
Importance: High

Jenn and Richard –
Info and pics for our conversation today. Joan Tanaka is also talking with Doug Ammon about ESD vs. ROD Amendment. Another option would be a removal action (using RA funding).
Talk with you soon.
-Becky

Becky Frey
Acting Chief, Remedial Response Branch #2
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From: Tanaka, Joan
Sent: Thursday, September 10, 2015 8:07 AM
To: Yi, Ji-Sun; Ammon, Doug
Cc: Frey, Rebecca; Moynihan, Colleen; Kowal, Kathleen
Subject: FW: Ten Mile Drain interim action- remove and replace vaults
Importance: High

Sun and Doug,

Per my voicemail message - Attached are some pictures of what was recently discovered during the construction of the 10-Mile Drain site. The middle jpg photo shows oil from a pipe trapped underneath a liner (previously installed by our Removal folks) that we would like to also address as part of the remedial action. The pipe runs between the two (currently excavated) manhole vaults. The oil is the same stuff we are going after in this source control RA, however our scope was originally to just excavate oil from under the manhole vaults. Seeing this source in the pipe, while the vaults are now excavated, indicates it would be prudent to also collect this oil now. We believe this is a significant change to the originally selected remedy (ROD attached); and would like to document the change in an ESD. The FS estimate for the cost of the originally selected remedy is \$2.6M capital cost; \$3.9M total present worth. The estimated cost to go after this additional oil is \$700,000-\$1.3M; therefore within the original +50% to -30% cost estimate.

If this is a significant change we would like to see if we can secure funding for this additional work asap (not a given, but also not a lot of RA \$ so we are hopeful), and while the vaults are excavated, also excavate the oil associated with the pipe. The ESD document would need to be written after the expanded RA work is done.

Obviously time is of the essence for making this plan work, so let me and project team members know if you have concerns about proceeding with this approach as a significant change. Colleen Moynihan is the RPM, Kathy Kowal is the section chief, Becky Frey is our other branch chief; and they are all copied on this message. I am in the office today so please also call to discuss if needed. Thanks.

Joan Tanaka
Remedial Response Branch 1 Chief
Superfund Division
USEPA Region 5
telephone: 312-353-5425

From: Moynihan, Colleen
Sent: Thursday, September 10, 2015 7:36 AM
To: Tanaka, Joan
Cc: Frey, Rebecca
Subject: Fw: Ten Mile Drain interim action- remove and replace vaults

Colleen T. Moynihan
Remedial Project Manager
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Phone: 312-353-8196

From: Moynihan, Colleen
Sent: Monday, August 31, 2015 11:44 AM
To: Frey, Rebecca
Cc: Kowal, Kathleen; Dytrych, William
Subject: Ten Mile Drain interim action- remove and replace vaults

Becky:

Here are some photos and figures to help capture what is going at the site. I am available by phone all day and I will be in the office tomorrow.

The first embedded photo in the email was taken at 7179 on 8/17/15- manhole vault removed and pipes exposed in the excavation pit about 18 ft below grade. The pipe on the left in the photo extends towards Harper and connects to J01. You can see the 2 inch thick liner extends beyond the pipe and is really detached from the pipe at end.

The two figures also embedded in the email help in presenting the photos- shows a graphic of the vault and the second figure shows where 7179 and J01 are located.

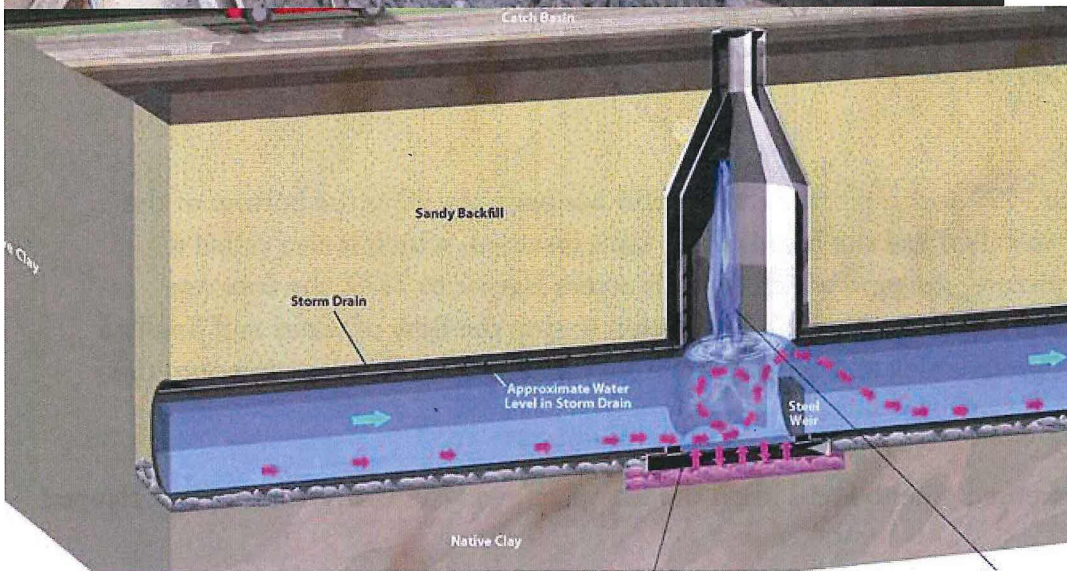
Attached photos in the email

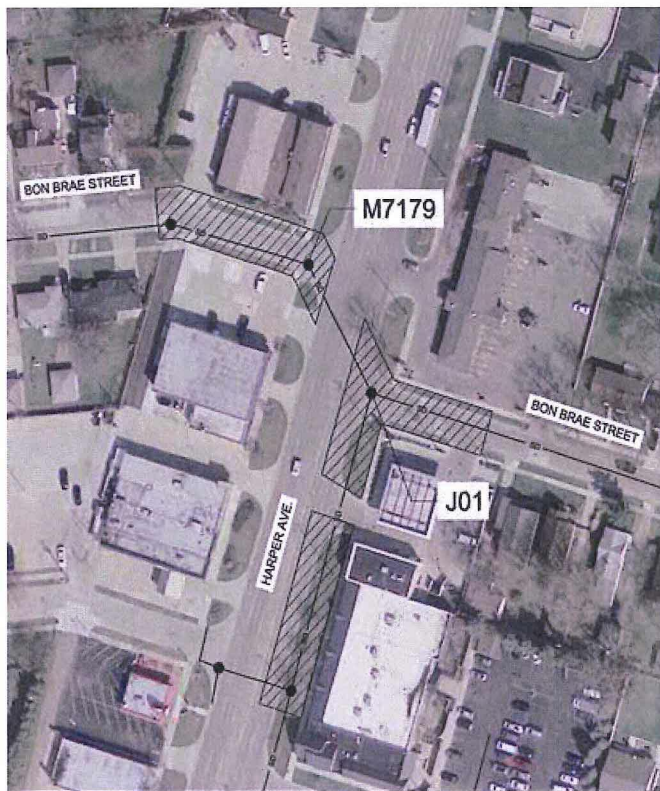
DSCN2260- A picture taken at 7179 at this point clean backfill has been placed at the bottom of the excavation pit, then the liner installed and the based of the vault installed, which is also called a "cookie". You can see in this picture, the pipe which extends across Harper to 7179, the concrete cookie, the plug-which is placed inside the pipe as a precaution to stop the flow of water and finally a closer look at how the liner is pretty thick and is detached from the pipe and oil is dripping onto the absorbent pads.

DSCN2259- Zooms into the exposed pipe to focus in on the leak. Plus, you can really see the liner flapped outside of the pipe.

DSCN2273- picture taken on Saturday at 7179 at the pipe that extends across the street to Harper. The subcontractors cut a piece of the liner out- oil streamed out from between the pipe and liner and was captured by absorbent pads. As of today, the oil continues to drip and leak from between the liner and pipe onto the absorbent pads.

Today we should be able to cut the pipe at J01 that extends across Harper to see if we observe the same release of oil from between the liner and the pipe.





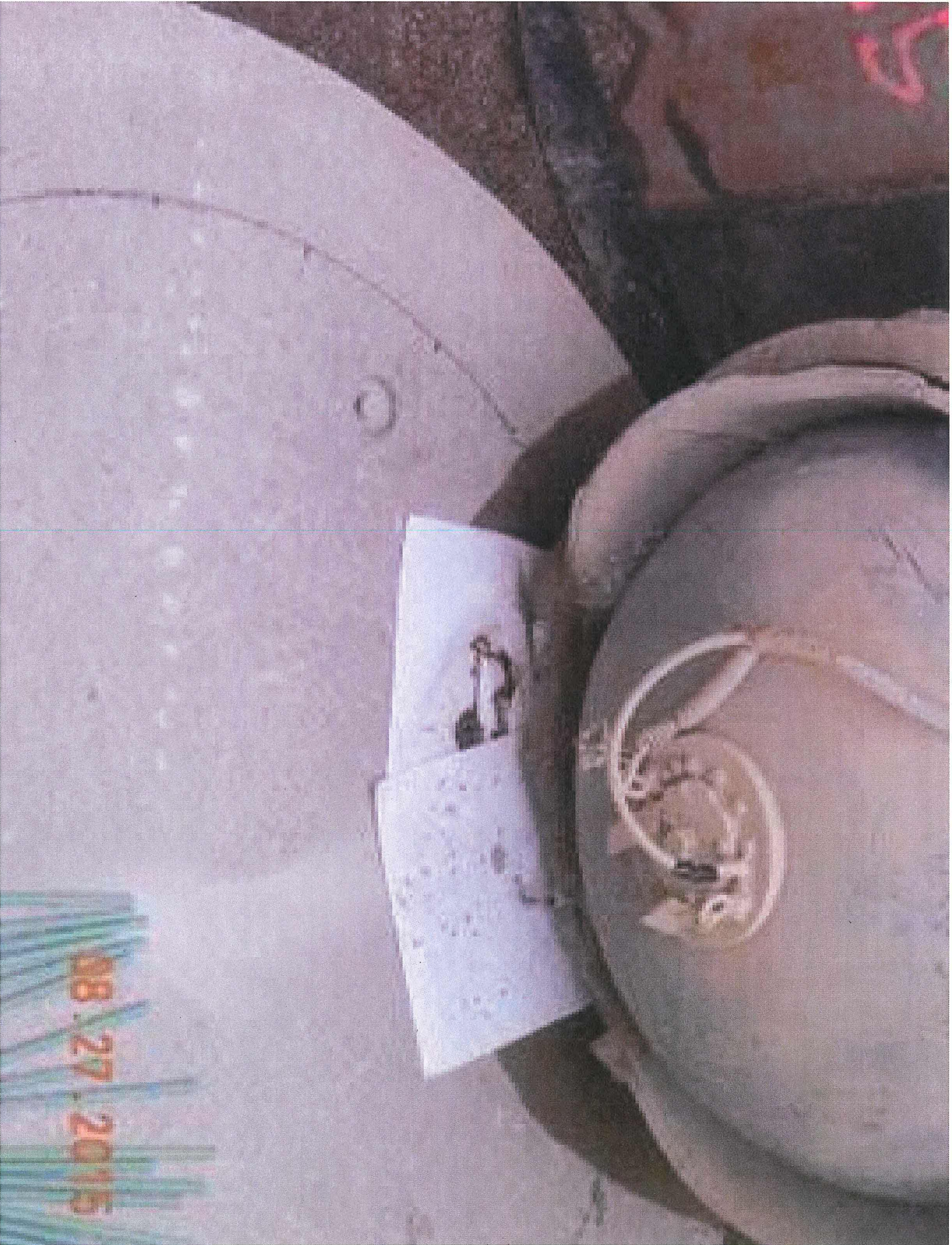
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